

PENTAX**K-r**

DIFFERENT IS BEAUTIFUL

- * **12.4 Megapixel** CMOS sensor - 23.6 x 15.8mm - High-speed PRIME II Imaging Engine
- * Sensitivity range: **ISO 100 to 25 600**
- * **6 fps** high-speed continuous shooting
- * Shutter speed: 1/6000 sec max.
- * CMOS-shift **Shake Reduction**, complies with all PENTAX lenses
- * **SAFOX IX AF sensor with 11 selectable points**
- * Wide view angle **3" LCD** monitor, 921 000 dots
- * Video recording in **HDTV** compatible (1280x720 pixels, 25 fps)
- * **Live View** with magnified view, face detection and contrast AF
- * **Dust Removal** mechanism
- * **Dynamic Range Enhancement** (high and low lights correction)
- * **Numerous creative functions:** Digital Filters, Auto-Picture, Custom Image and Cross Process modes, HDR function
- * **Compact and lightweight body:** 12.5cm width and 525g (b.o.)
- * Power supply: either Li-ion battery or AA batteries (optional adapter required)
- * Available in 3 colours: Black, White, Red


www.PENTAX.CO.UK/PHOTO

HOTLINE: 0870 7368 299

Black	Art. n°	Gencod
K-r (body only)	14621	0027075175273
K-r + black DAL 18-55	14635	0027075175419
K-r + DAL 18-55 + DAL 50-200	14649	0027075175556
White		
K-r + white DAL 18-55	14705	0027075176119
Red		
K-r + black DAL 18-55	14733	0027075176393
Brown		
K-r + black DAL 18-55	14907	0027075209138
Purple		
K-r + black DAL 18-55	14904	0027075209107
Blue		
K-r + black DAL 18-55	14905	0027075209114
Yellow		
K-r + black DAL 18-55	14906	0027075209121
Pink		
K-r + pink DAL 18-55	14789	0027075176959
Dimensions		12.5 x 9.7 x 6.8 cm
Weight (body only, unloaded)		544 g

SUPPLIED ACCESSORIES

	Art No.
USB cable I-USB7	39551
Li-ion battery D-LI109	39067
Battery charger D-BC109	39097
AC cable D-CO2E	39475
Strap O-ST53	39323
Eye cup FQ (already mounted)	30199
Hot shoe cover FK (already mounted)	31040
Body mount cover	31016
Software S-SW110	39758

OPTIONAL ACCESSORIES

	Art No.
DA 55-300mm f/4-5.8 lens	21720
AF360-FGZ flash	30333
Neoprene camera case	50207
SLR multibag	50099
Large nylon K-bag	50250
Magnifying Eye cup O-ME53 (1.2x)	30150
Finder cap for ME	31011
Waterproof remote control O-RC1	39892
Video cable I-VC28	39262
AV cable I-AVC7	39552
AA battery holder D-BH109	39100
Battery charger kit K-BC109E	39032
AC adapter kit K-AC109E	39051
DC coupler D-DC109	39463



DA 55-300mm lens



AF360-FGZ flash



Large K-bag



Magnifying Eye cup



Finder cap for ME



WP remote control



AA battery holder



Battery charger kit



AC adapter kit



TECHNICAL SPECIFICATIONS

TYPE

Type	TTL autofocus, auto-exposure SLR camera with built-in retractable P-TTL auto pop-up flash
Lens mount	PENTAX KAF2 bayonet mount
Compatible lenses	PENTAX KAF3, KAF2(power zoom not compatible), KAF, K-mount (with restrictions) lenses Compatible with SDM ultrasonic lenses

IMAGE SENSOR

Sensor type	23.6 x 15.8mm CMOS, with primary colour filter
Number of pixels	Approx. 12.4 megapixels - effective
Stabilization	Sensor-shift system (4-stop shutter speed benefit)
Dust Removal Mechanism	CMOS sensor operations and Dust Alert function

RECORDING AND IMAGE FORMATS

Image formats	RAW 12 bits (PEF, DNG), JPEG (Exif 2.21), DCF 2.0 RAW and JPEG simultaneously recordable
Image sizes	JPEG: 12M (4288x2848), 10M (3936x2624), 6M (3072x2048), 2M (1728x1152 pixels) 3 Quality levels of JPEG (★ good, ★★ better, ★★★ best) RAW: 12M (4288x2848)
Color space	sRGB, Adobe RGB
Support	Compatible with SD and SDHC memory cards

VIEWFINDER

Type	Penta-mirror
Focusing screen	Natural Bright Matte II focusing screen
Coverage	Approx. 96%
Magnification	Approx. 0.85x (w. FA 50mm f/1.4 at infinity)
Eye relief	Approx. 21.6mm from the center of lens
Diopter adjustment	Approx. -2.5 +1.5m ⁻¹

LCD SCREEN

Type	3" (7.6cm) colour LCD, 921k dots, with AR coating Adjustable brightness and colours Scratch resistant protective glass
Angle of view	170° wide-angle viewing, horizontally and vertically
Digital preview	For confirming WB and exposure
Other features	Single image or index view (up to 81 images), Image comparison, Magnification (up to 16x, scroll available), Rotation, Calendar view, Folder view, Histogram, Slideshow, Bright/Dark area warning, Resize, Cropping, Copyright and detailed Exif information display

LIVE VIEW

Field of view	Approx. 100%
Enlargement	In AF mode: 2x, 4x, 6x In Manual mode: 2x, 4x, 6x, 8x, 10x
Autofocus	Contrast detection, Face detection, phase difference detection
Options	Grid pattern, histogram display, bright/dark area warning

FOCUSING

Type	SAFOX IX with TTL phase-matching detection
AF points	11 points (9 cross type in the center) 5-point or 11-point Auto, Select or Center
Focus mode	Auto, Single with focus-lock, Continuous
LED AF assist lamp	Available

EXPOSURE CONTROL

Metering system	TTL open-aperture 16-segment metering
Metering mode	Multi-segment, center-weighted or spot metering
Operational range	EV 1 - EV 21.5 (at Standard ISO 200 with FA 50mm f/1.4)
Exposure modes	Program (P), Sensitivity-Priority (Sv), Shutter-Priority (Tv), Aperture-Priority (Av), Metered Manual (M) including Bulb, Video
Picture modes	AutoPicture, Portrait, Landscape, Macro, Moving Object, Night scene portrait, Flash off
Scene modes	Night scene, Surf & Snow, Food, Sunset, Kids, Pet, Candlelight, Museum, Stagelight, Night snap, Night scene HDR*
Exposure compensation	± 3EV (selectable EV steps: 1/3 or 1/2 steps)
Auto Exposure Lock	Assignable to AF/AE-L button through the menu
Shutter type	Electronically controlled vertical-run focal plane
Shutter speeds	Auto and manual: from 1/6000 to 30 sec (1/3 EV steps or 1/2 EV steps), Bulb
Sensitivity range	ISO Auto: from 200 to 12800, ISO Extended: from 100 to 25600 Bulb mode: up to ISO 1600 1/3, 1/2 or 1EV steps

* In Stagelight, Night snap and Night scene HDR, image format is fixed to JPEG

FLASH

Built-in flash	Guide Number: approx 16 (ISO200/m), approx 12 (ISO100/m)
Metering system	Auto P-TTL retractable auto pop-up flash
Flash coverage	Wide-angle lens, equivalent to 28mm in 35mm format
Modes	Auto, manual (on/off), red eye reduction, slow-speed sync, rear curtain sync, high-speed sync and wireless sync with PENTAX dedicated external flash
Synchronization	1/180 sec, high speed, P-TTL, wireless
Exposure correction	From -2EV to +1EV (in increments of 1/3 EV)
External flash	Hot-shoe flash, P-TTL flash sync available with dedicated wireless system, with dedicated flash

POWER SUPPLY

Battery	Rechargeable D-Li109 Lithium-ion battery
Other sources	4 AA batteries (Lithium, Ni-MH, rechargeable, alkaline), with optional AA battery adapter D-BH109** Optional AC adapter K-AC109E also available
Capacity	Approx. 470 shots*** and 300 min in play mode w/ D-Li109 Approx. 1000 shots*** and 620 min in play mode w/ AA batteries

INTERFACES

Video outputs	AV output, compatible with NTSC and PAL
USB	USB 2.0 mini-B (Hi-Speed)
Other	IrSimple Infrared in/out connection, DC power input

RECORDING PARAMETERS

Drive modes	One shot, Self-timer (2 or 12 sec), Continuous shooting (Hi, Lo), Remote control (0, 3 sec), Interval up to 999 pictures, Exposure bracketing (3 frames)
Continuous shooting	Hi-speed: approx 6 fps for 25 frames in JPEG ★★★ / for 12 in RAW Lo-speed: approx 2 fps unlimited up to card's maximum capacity in JPEG ★★★ / up to 36 in RAW
Superimpose	Available, up to 9 pictures
Custom Image	Bright, Natural, Portrait, Landscape, Vibrant, Monochrome, Reversal Film, Bleach Bypass
White balance	Auto, Daylight, Shade, Cloudy, Fluorescent light (D, N, W, L), Tungsten light, Flash, CTE, Manual (configuration on monitor)
Fine adjustment	Adjustable +7 steps on A-B axis or G-M axis
Image processing	Long-exposure Noise Reduction, High-ISO Noise Reduction, D R E (Dynamic Range Enlargement) which provides maximum details in highlights and shadows, Compensation of distortion and lateral chromatic aberration, Cross processing (Shuffle, Preset 1-3, Favorite 1-3), HDR (Auto, standard, Strong 1-3, automatic composition correction function), Multi-exposure (Auto, Standard, Strong 1-3, Automatic composition correction function)
Digital filters	Toy Camera, Retro, High-contrast, Extract color, Soft, Starburst, Fish-eye, Custom

MOVIE

File format	AVI (Motion JPEG) ; record time: up to 25 min
Recorded pixels	HD (1280x720, 16:9, 25 fps), VGA (640x480, 4:3, 30 fps or 25 fps)
Quality levels	★ good, ★★ better, ★★★ best
Sound	Built-in monaural microphone
Movie processing	Custom Image (Bright, Natural, Portrait, Landscape, Vibrant, Muted, Monochrome, Reversal Film, Bleach Bypass), Cross processing (Shuffle, preset 1-3, favorite 1-3), Digital filters (Retro, Toy Camera, High-contrast, Extract Color, Color)

OTHER FEATURES

World time	75 cities, 28 time zones
Folder names	Date (100_MMDD...), PENTX (100PENTX...)
Language	English, French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Korean, Chinese (Traditional/Simpl.), Japanese
Digital Filters (Playback)	Toy Camera, Monochrome, Retro, Color, High Contrast, Soft, Extract Color, Star Burst, Sketch, Water Color, Pastel, Miniature, Slim, HDR, Posterization, Base Parameter Adjustment, Custom
Custom buttons	Green Button (Green button, Custom Image, Optical preview, Digital preview, Digital Filter, Cross Process, One-push RAW+) AF/AE-L Button (AF, AE-L)
Other	Copyright information, AF fine adjustment (+/- 10 steps, uniform adjustment), Resize, Cropping (Aspect alteration, Slant adjustment available), Index, Movie Edit (Segmentation, Partial delete available), Frame Crop (JPEG)

DIMENSIONS AND WEIGHT

Dimensions	125 × 97 × 68 mm (WxHxD) excluding protrusions
Weight	544 g body only, 598 g loaded and ready with Li-ion battery and SD card, 625 g loaded and ready with AA batteries and SD card

SYSTEM REQUIREMENTS

Operating systems	PC: Windows XP SP2, Vista™ and 7 Mac: OS X 10.3.9 or above
Supplied software	PENTAX Digital Camera Utility 4

** CR-V3 and Oxyride do not comply with this adapter. *** with 50% flash. Tested in compliance with CIPA standard. Actual result may vary according to the shooting conditions/circumstances.